

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport). Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

Book No. :- 125
Page No. :-

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EXL							
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			1.000	0.700	0.100	0.070		21.972	22.042
	Item No. 11 Transportation of earth Transportation charges including loading &							0.101		32.654	32.755
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			1.250			1.250		280.320	281.570
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.500			
	Deduction of 200mm dia pipe area	1.000		0.785	1.000	0.200	0.200	0.031			
	Soling							0.000			
	PCC							0.000			
	Murram bedding							0.070			
								0.101			
								Net Qty = A - B		303.700	304.099
	SNC5.2L TO SNC5.2.2L							0.398			
	CH0.00	585.526	584.486	584.386			1.140				
	CH0.60	585.516	584.900	584.800			0.716	0.928			
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			0.600			0.600		281.570	282.170
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.000			
	Deduction of 200mm dia pipe area	1.000		0.785	0.000	0.200	0.200	0.000			
	Soling							0.000			
	PCC							0.000			
	Murram bedding							0.000			
								0.000			
								Net Qty = A - B		304.099	304.099
	SNC5.1L TO SNC5.1.1L							0.000			
	CH0.00	585.806	584.476	584.376			1.430				
	CH1.50	585.456	584.456	584.356			1.100	1.265			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.100	0.700	0.200	0.014		50.738	50.752
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.100	0.700	0.965	0.068		244.244	244.311
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.100	0.700	0.100	0.007		22.950	22.957



Handwritten signature

Name of work:- development of Underground Sewage Collection system for Zone I to VI and Zone Salam Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurnasheed City.

Book No. :- 126
Page No. :-

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Up to Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			0.400	0.700	0.100	0.028		22.042	22.070
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.041		32.755	32.796
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			0.650			0.650		282.170	282.820
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.089			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	0.400	0.200	0.200	0.013			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.028			
								0.041			
								0.048		304.099	304.146
	SNC5.1L TO SNC5.1.2L										
	CH0.00	585.806	584.476	584.376			1.430				
	CH1.00	585.456	584.650	584.550			0.906	1.168			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.000	0.700	0.200	0.000		50.752	50.752
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.000	0.700	0.868	0.000		244.311	244.311
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.000	0.700	0.100	0.000		22.957	22.957
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			0.300	0.700	0.100	0.021		22.070	22.070
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.030		32.796	32.796
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			0.550			0.550		282.820	282.820
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.000			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	0.300	0.200	0.200	0.009			
	soling							0.000			
	PCC							0.000			



Handwritten signature/initials.

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :- 127
Page No. :-

M/s. K. J. Infrastructures Pvt. Ltd. & GECPL (Joint Venture)

Page 46 of 63

Shivaji Nagar(Near Nursing College)-Measurment MB

Date	Particulars of work	DETAILS					Content of arrears	Last measurment		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Murrum bedding						0.021				
							0.030				
		Net Qty = A - B					-0.030		304.146	304.116	
	SNC5 TO SNC5.1										
	CH0.00	586.046	584.226	584.126			1.920				
	CH3.70	586.046	585.346	585.246			0.800	1.360			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.700	0.700	0.200	0.378	50.752	51.130	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.700	0.700	1.060	2.003	244.311	246.315	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			2.700	0.700	0.100	0.189	22.957	23.146	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)										
	(a) For Lift 0 to 1.5m	1			3.000	0.700	0.100	0.210	22.091	22.301	
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.304	32.826	33.130	
	Item No. 13 :- (b) Lowering & Laying of Polyethylene DWC pipe of 200mm Dia										
	(a) For Lift 0 to 1.5m	1			3.250			3.250	283.370	286.620	
	Item No. 30 :- Refilling the excavated trenches --										
	Total Excavation=							2.570			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	3.000	0.200	0.200	0.094			
	soiling							0.000			
	PCC							0.000			
	Murrum bedding							0.210			
								0.304			
		Net Qty = A - B					2.266		304.116	306.382	
	SNC5 TO SNC5.2										
	CH0.00	586.046	584.226	584.126			1.920				
	CH1.40	586.046	585.400	585.300			0.746	1.333			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.200	0.056	51.130	51.186	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	1.033	0.289	246.315	246.604	



Handwritten signature or initials.

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No 98 to

Book No. :-

Page No. :-

Page 47 of 63

Shivaji Nagar(Near Nursing College)-Measurement MB

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.100	0.028		23.146	23.174
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			0.700	0.700	0.100	0.049		22.301	22.350
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.071		33.130	33.201
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			0.950			0.950		286.620	287.570
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.373			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	0.700	0.200	0.200	0.022			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.049			
								0.071			
								0.302		306.382	306.685
	Net Qty = A - B										
	SNC5.1R TO SNC5.1.1R										
	CH0.00	586.366	585.171	585.071			1.295	1.101			
	CH1.10	586.366	585.560	585.460			0.906				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc										
	(a) For Lift 0 to 1.5m	1			0.100	0.700	0.200	0.014		51.186	51.200
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.100	0.700	0.801	0.056		246.604	246.660
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.100	0.700	0.100	0.007		23.174	23.181
	Item No. 7 :- Filling in plnth and floors/ trenches etc complete.(bedding)	1			0.400	0.700	0.100	0.028		22.350	22.378
	Item No. : 11 Transportation of earth Transportation							0.041		33.201	33.242
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			0.650			0.650		287.570	288.220
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.077			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	0.400	0.200	0.200	0.013			



Handwritten signature

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :-
Page No. :-

129

Page 48 of 63

Shivaji Nagar(Near Nursing College)-Measurement MB

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	soiling								0.000		
	PCC								0.000		
	Murram bedding								0.028		
									0.041		
		Net Qty = A - B								0.037	306.685 306.721
	SNC5.1R TO SNC5.1.2R										
	CRD.00	586.366	585.466	585.366			1.000		0.983		
	CRD.60	586.366	585.500	585.400			0.966				
	Item No. 1 - Excavation for foundation/pipe trenches in										
	(a) For Lift 0 to 1.5m	1			0.600	0.700	0.200		0.084	51.200 51.284	
	Item No. 2 - Excavation for foundation/pipe trenches in										
	Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.600	0.700	0.683		0.287	246.660 246.947	
	Item No. 4 - Excavation for foundation/pipe trenches in										
	soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.600	0.700	0.100		0.042	23.181 23.223	
	Item No. 7 - Filling in plinth and floors/ trenches etc										
	complete.(bedding)	1			0.900	0.700	0.100		0.063	22.378 22.441	
	Item No. : 11 Transportation of earth Transportation										
	charges including loading &								0.091	33.242 33.333	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC										
	pipe of 200mm Dia	1			1.150				1.150	288.220 289.370	
	Item No. 30 - Refilling the excavated trenches ...										
	Total Excavation=								0.413		
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	0.900	0.200	0.200		0.028		
	soiling								0.000		
	PCC								0.000		
	Murram bedding								0.063		
									0.091		
		Net Qty = A - B								0.322	306.721 307.043
	SNC5.2R TO SNC5.2.1R										
	CRD.00	586.636	585.386	585.286			1.350		1.176		
	CRD.40	586.636	585.735	585.635			1.001				
	Item No. 1 - Excavation for foundation/pipe trenches in										
	earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.200		0.056	51.284 51.340	
	Item No. 2 - Excavation for foundation/pipe trenches in										
	Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.876		0.245	246.947 247.192	



Handwritten signature or initials.

Name of work:- Development of Underground Sewerage collection system for Zone I to VI and Zone Salim Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :-

130

Page No. :-

Page 49 of 63

Shivaji Nagar(Near Nursing College)-Measurement MB

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. (a) For Lift 0 to 1.5m	1			0.400	0.700	0.100	0.028		23.223	23.251
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			0.700	0.700	0.100	0.049		22.441	22.490
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.071		33.333	33.404
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			0.950			0.950		289.370	290.320
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.329			
	Deduction of 200mm dia pipe area	1.000		0.785	0.700	0.200	0.200	0.022			
	soling							0.000			
	PCC							0.000			
	Murram bedding							0.049			
								0.071			
								Net Qty = A - B			
	SNC5.2R TO SNC5.2.2R							0.258		307.043	307.301
	CH0.00	586.636	586.636	586.536				0.100			
	CH1.50	586.636	585.736	585.636				1.000	0.550		
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete. (a) For Lift 0 to 1.5m	1			0.500	0.700	0.200	0.070		51.340	51.410
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete. (a) For Lift 0 to 1.5m	1			0.500	0.700	0.250	0.088		247.192	247.280
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. (a) For Lift 0 to 1.5m	1			0.500	0.700	0.100	0.035		23.251	23.286
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			0.800	0.700	0.100	0.056		22.490	22.546
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.081		33.404	33.485
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			1.050			1.050		290.320	291.370
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.193			



Handwritten signature/initials.

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Bancwadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :- 131
Page No. :-

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		CL	BL	EX.L							
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	0.800	0.200	0.200				
	soiling									0.000	
	PCC									0.000	
	Murrum bedding									0.056	
										0.081	
				Net Qty = A - B					307.301		307.412
	SNC5.3R TO SNC5.3.2R										
	CHL.00	587.076	585.756	585.656			1.420				
	CHL.20	587.076	586.300	586.200			0.876			1.148	
	Item No. 1 - Excavation for foundation/pipe trenches in earth soils. Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.200	0.700	0.200		51.410	51.438	
	Item No. 2 - Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.200	0.700	0.848		247.280	247.398	
	Item No. 4 - Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.200	0.700	0.100		23.286	23.300	
	Item No. 7 - Filling in plinth and floors/ trenches etc complete.(bedding)	1			0.500	0.700	0.100		22.546	22.581	
	Item No. - 11 Transportation of earth Transportation charges including loading &							0.051	33.485	33.536	
	Item No. 13 - (b) Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			0.750				291.370	292.120	
	Item No. 30 - Refilling the excavated trenches										
	Total Excavation=							0.161			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	0.500	0.200	0.200			0.016	
	soiling									0.000	
	PCC									0.000	
	Murrum bedding									0.035	
										0.051	
				Net Qty = A - B					307.412		307.522
	SNC5.3R TO SNC5.3.2R										
	CHL.00	587.076	585.756	585.656			1.420				
	CHL.00	587.076	586.276	586.176			0.900			1.160	
	Item No. 1 - Excavation for foundation/pipe trenches in										
	(a) For Lift 0 to 1.5m	1			0.000	0.700	0.200		51.438	51.438	
	Item No. 2 - Excavation for foundation/pipe trenches in Hard murrum etc complete.										



[Handwritten signature]

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salam Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :-

132

Page No. :-

Page 51 of 63

Shivaji Nagar(Near Nursing College)-Measurment MB

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	(a) For Lift 0 to 1.5m	1			0.000	0.700	0.860	0.000		247.398	247.398
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.000	0.700	0.100	0.000		23.300	23.300
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			0.000	0.700	0.100	0.000		22.581	22.581
	Item No. : 11 Transportation of earth Transportation							0.000		33.536	33.536
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			0.550			0.550		292.120	292.670
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.000			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	0.000	0.200	0.200	0.000			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.000			
								0.000			
								0.000		307.522	307.522
								0.000			
	Net Qty = A - B							0.000		307.522	307.522
	SNCS.3R TO SNCS.3.3R										
	CH0.00	587.076	585.756	585.656			1.420				
	CH1.00	587.076	586.376	586.276			0.800	1.110			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.000	0.700	0.200	0.000		51.438	51.438
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.000	0.700	0.848	0.000		247.398	247.398
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.000	0.700	0.100	0.000		23.300	23.300
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			0.000	0.700	0.100	0.000		22.581	22.581
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.000		33.536	33.536
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			0.550			0.550		292.670	293.220
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.000			



[Handwritten signature]

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :-
Page No. :-

133

Page 52 of 63

Shivaji Nagar(Near Nursing College)-Measurement MB

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	0.000	0.200	0.200	0.000			
	soiling							0.000			
	PCC							0.000			
	Murrum bedding							0.000			
								0.000			
		Net Qty = A - B						0.000	307.522	307.522	
	SNCS.4R TO SNCS.4.1R.										
	CR1.00	587.036	586.536	586.436			0.600	0.600			
	CR2.00	587.036	586.536	586.436			0.600				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.000	0.700	0.200	0.140	51.438	51.578	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.000	0.700	0.300	0.210	247.398	247.608	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			1.000	0.700	0.100	0.070	23.300	23.370	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			1.300	0.700	0.100	0.091	22.581	22.672	
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.132	33.536	33.668	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			1.550			1.550	293.220	294.770	
	Item No. 30 :- Refilling the excavated trenches -										
	Total Excavation:-							0.420			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	1.300	0.200	0.200	0.041			
	soiling							0.000			
	PCC							0.000			
	Murrum bedding							0.091			
								0.132			
		Net Qty = A - B						0.288	307.522	307.810	
	SNCS.4R TO SNCS.4.2R.										
	CR0.00	587.036	586.536	586.436			0.600	0.600			
	CR1.90	587.036	586.536	586.436			0.600				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.900	0.700	0.200	0.126	51.578	51.704	



(Handwritten signature)

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m	1			0.700	0.700	0.648	0.318		248.237	248.555
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. (a) For Lift 0 to 1.5m	1			0.700	0.700	0.100	0.049		23.559	23.608
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			1.000	0.700	0.100	0.070		22.924	22.994
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.101		34.033	34.134
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			1.250			1.250		299.120	300.370
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=-							0.465			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	1.000	0.200	0.200	0.031			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.070			
								0.101			
								0.363		308.641	309.004
	SNC5.7R TO SNC5.7.2R										
	CH0.00	587.596	586.696	586.596			1.000				
	CH1.40	587.596	586.798	586.698			0.898	0.949			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete. (a) For Lift 0 to 1.5m	1			0.400	0.700	0.200	0.056		52.054	52.110
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m	1			0.400	0.700	0.649	0.182		248.555	248.736
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. (a) For Lift 0 to 1.5m	1			0.400	0.700	0.100	0.028		23.608	23.636
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			0.700	0.700	0.100	0.049		22.994	23.043
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.071		34.134	34.205
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			0.950			0.950		300.370	301.320



[Handwritten signature]

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport). Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to CIDCO (Airport).

Book No. :-
Page No. :-

137

Page 56 of 63

Shivaji Nagar(Near Nursing College)-Measurement MB

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=						0.266				
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	0.700	0.200	0.200				
	soiling									0.000	
	PCC									0.000	
	Murrum bedding									0.049	
										0.071	
	Net Qty = A - B						0.195		309.004	309.199	
	SNCS 8R TO SNCS 8.1R										
	CHL 00	587.771	587.171	587.071			0.700				
	CHL 40	587.771	587.200	587.100			0.671				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.200	0.056		52.110	52.166
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.385	0.108		248.736	248.844
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.100	0.028		23.636	23.664
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			0.700	0.700	0.100	0.049		23.043	23.092
	Item No. :- 11 Transportation of earth Transportation							0.071		34.205	34.276
	Item No. 13 :- (b) Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			0.950			0.950		301.320	302.270
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.192			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	0.700	0.200	0.200	0.022			
	soiling									0.000	
	PCC									0.000	
	Murrum bedding									0.049	
										0.071	
	Net Qty = A - B							0.121	309.199	309.320	
	SNCS 4R TO SNCS 4.1R										
	CHL 00	587.906	587.306	587.206			0.700				
	CHL 40	587.906	587.500	587.400			0.506	0.603			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.900	0.700	0.200	0.126		52.166	52.292



Handwritten signature

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport). Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :- 139
Page No. :-

Shivaji Nagar(Near Nursing College)-Measurement MB

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	BL	EX.L							
	Item No. 30 :- Refilling the excavated trenches -										
	Total Excavation-						0.420				
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	1.300	0.200	0.200	0.041			
	soling							0.000			
	PCC							0.091			
	Murrum bedding							0.132			
							0.288		309.578	309.866	
	SNCL1 TO SNCL1.1										
	CH1.00	586.161	585.026	584.926			1.235	1.212			
	CH1.40	586.215	585.126	585.026			1.189				
	Item No. 1 - Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.200	0.056	52.432	52.488	
	Item No. 2 :- Excavation for foundation/pipe trenches in hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.912	0.255	249.245	249.500	
	Item No. 4 :- Excavation for foundation/pipe trenches in earth soils										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.100	0.028	23.797	23.825	
	Item No. 7 - Filling in plinth and floors/ trenches etc										
	(a) For Lift 0 to 1.5m	1			0.700	0.700	0.100	0.049	23.267	23.316	
	Item No. - 11 Transportation of earth Transportation charges including loading & unloading							0.071	34.529	34.600	
	Item No. 13 - (b) Lowering & Laying of Polyethylene DWC pipe of 200mm dia										
	(a) For Lift 0 to 1.5m	1			0.950			0.950	305.270	306.220	
	Item No. 30 :- Refilling the excavated trenches -										
	Total Excavation-							0.339			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	0.700	0.200	0.200	0.022			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.049			
								0.071			
								0.268	309.866	310.135	
	SNCL2 TO SNCL2.1										
	CH1.00	586.176	585.096	584.996			1.180	1.080			
	CH1.40	586.176	585.296	585.196			0.980				
	Item No. 1 - Excavation for foundation/pipe trenches in earth soils										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.200	0.056	52.488	52.544	



Handwritten signature or initials.

Name of work:- development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshirawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :-

147

Page No. :-

Page 59 of 63

Shivaji Nagar(Near Nursing College)-Measurment MB

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.780	0.218		249.500	249.719
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.100	0.028		23.825	23.853
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
		1			0.700	0.700	0.100	0.049		23.316	23.365
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.071		34.600	34.671
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia										
		1			0.950			0.950		306.220	307.170
	Item No. 30 :- Refilling the excavated trenches --										
	Total Excavation=							0.302			
	Deduction of 200mm dia pipe										
	pipe area	1.000			0.785	0.700	0.200	0.200	0.022		
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.049			
								0.071			
								0.231		310.135	310.366
	SNC1.3 TO SNC1.3.1										
	CH0.00	586.546	585.391	585.291							
	CH1.40	586.546	585.591	585.491			1.255				
							1.055	1.155			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.200	0.056		52.544	52.600
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.855	0.239		249.719	249.958
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.100	0.028		23.853	23.881
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
		1			0.700	0.700	0.100	0.049		23.365	23.414
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.071		34.671	34.742
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia										
		1			0.950			0.950		307.170	308.120



[Handwritten signature]

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim AE, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :-

Page No. :-

141

Name of Agency:- M/s Khilari Infrastructure Pvt.Ltd. & GECPL (Joint Venture)

Page 60 of 63

Shivaji Nagar(Near Nursing College)-Measurement MB

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		CL	IL	EX.L							
	Item No. 30 - Refilling the excavated trenches ...										
	Total Excavation:-						0.323				
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	0.700	0.200	0.022				
	soling						0.000				
	PCC						0.000				
	Murrum bedding						0.049				
							0.071				
							Net Qty = A - B	0.252	310.366	310.618	
	SNCL4 TO SNCL4.1										
	CH0.00	586.621	585.636	585.536			1.085				
	CH1.40	586.621	585.636	585.536			1.085				
	Item No. 1 - Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.200	0.056	52.600	52.656	
	Item No. 2 - Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.785	0.220	249.958	250.178	
	Item No. 4 - Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.100	0.028	23.881	23.909	
	Item No. 7 - Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a)	1			0.700	0.700	0.100	0.049	23.414	23.463	
	Item No. 11 Transportation of earth Transportation charges including loading &							0.071	34.742	34.813	
	Item No. 13 - (a) Lowering & Laying of Polyethylene DMC pipe of 200mm Dia										
	(a)	1			0.950			0.950	308.120	309.070	
	Item No. 30 - Refilling the excavated trenches ...										
	Total Excavation:-						0.304				
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	0.700	0.200	0.022				
	soling						0.000				
	PCC						0.000				
	Murrum bedding						0.049				
							0.071				
							Net Qty = A - B	0.233	310.618	310.851	
	SNCL5 TO SNCL5.1										
	CH0.00	586.646	585.776	585.676			1.170				
	CH1.40	586.646	585.888	585.788			1.058	1.114			



Handwritten signature

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

Book No. :- 143
Page No. :-

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 13 :- (b) Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			0.950			0.950		310.020	310.970
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation:-							0.346			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	0.700	0.200	0.200	0.022			
	soiling							0.000			
	PCC							0.000			
	Murrum bedding							0.049			
								0.071			
				Net Qty = A - B				0.275		311.092	311.367
	SNCL7 TO SNCL7.1										
	CH1.00	587.186	586.416	586.316			0.870	0.720			
	CH1.40	587.186	586.716	586.616			0.570				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.200	0.056		52.768	52.824
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.420	0.118		250.668	250.785
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.100	0.028		23.965	23.993
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			0.700	0.700	0.100	0.049		23.561	23.610
	Item No. 11 Transportation of earth Transportation charges including loading &							0.071		34.955	35.026
	Item No. 13 :- (b) Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			0.950			0.950		310.970	311.920
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation:-							0.202			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	0.700	0.200	0.200	0.022			
	soiling							0.000			
	PCC							0.000			
	Murrum bedding							0.049			
								0.071			
				Net Qty = A - B				0.131		311.367	311.498
	SNCL8 TO SNCL8.1										
	CH0.00	587.486	586.486	586.386			1.100	0.575			
	CH1.40	587.486	587.536	587.436			0.050				



Handwritten signature or initials.

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport); Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :-

Page No. :-

Name of Agency:- M/s Khilari Infrastructure Pvt.Ltd. & GECPL (Joint Venture)

Authority No. AMC/Ward B&C/UIDSSMT/2014/184 Date 01.07.2014

Page 63 of 63

Shivaji Nagar(Near Nursing College)-Measurement MB

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Up Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.200	0.056		52.824	52.824
	(b) For Lift 1.5m to 3.0m	1			0.400	0.700	0.000	0.000		0.000	0.000
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.275	0.077		250.785	250.785
	(b) For Lift 1.5m to 3.0m	1			0.400	0.700	0.000	0.000		18.922	18.922
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.100	0.028		23.993	24.021
	(b) For Lift 1.5m to 3.0m	1			0.400	0.700	0.000	0.000		0.000	0.000
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			0.700	0.700	0.100	0.049		23.610	23.610
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.071		35.026	35.026
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			0.950			0.950		311.920	312.870
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1								55.000	55.000
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.161			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	0.700	0.200	0.200	0.022			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.049			
								0.071			
								Net Qty = A - B			
	Item No :35 Shifting of Existing Utilities Length considered up to 400mm including all and as directed by Engineer in-Charge				0.370			0.090		311.498	311.588
										0.37	



[Handwritten signature]

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport). Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :-

Page No. :- 145

Page 1 of 22

Shivaji Nagar(Near Nursing College)-CHEMBER Measurement

9th RA BILL MEASUREMENTS DWC CHEMBER SHIVAJINAGAR(NEAR NURSING COLLEGE)

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B		D	Page	
GL	IL	EX.L								
	DWC - 200mm Dia									
	Excavation of Chamber - For 1.20 dia chamber (upto 2.0m depth)- 1.20*0.50*0.5=0.3-2.66m									
	Area for chamber upto 2m=2.66*2.66=7.075m									
	Excavation of Chamber - For 0.9 mt.Dia of chamber up to Depth of 1.5mt- 0.9*0.5*0.3=0.13-2.0m									
	Area for Square chamber up to Depth of 2m= 2 * 2=4m									
	SNCL1									
	CRB.45	586.161	584.826	584.576			1.585			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.									
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.200	1.111	0.000	1.111
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.									
	(a) For Lift 0 to 1.5m	1			0.785	7.075	1.200	6.665	0.000	6.665
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.085	0.472	0.000	0.472
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.									
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.100	0.555	0.000	0.555
	Item No. 11 Transportation of earth Transportation charges including loading &							2.552	0.000	2.552
	Item No. 30 :- Refilling the excavated trenches									
	Total Excavation(A)=						8.803			
	Deduction									
	Brick work	1.00		0.785	1.31	1.31	1.335	1.80		
	soiling							0.00		
	PCC	1.00		0.785	1.96	1.96	0.25	0.75		
	Murrum bedding							0.00		
	Total (B)							2.55		
	Net Qty = A - B						6.25		0.00	6.25
	SNCL2									
	CR12.05	586.176	584.896	584.646			1.530			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc									
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.200	1.111	1.111	2.222



Handwritten signature or initials.

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Up to Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	1.200	6.665		6.665	13.329
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.030	0.167		0.472	0.639
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.100	0.555		0.555	1.111
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.478		2.552	5.031
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							8.497			
	Deduction										
	Brick work	1.00		0.785	1.31	1.31	1.280	1.72			
	soling							0.00			
	PCC	1.00		0.785	1.96	1.96	0.25	0.75			
	Murrum bedding							0.00			
	Total (B)							2.48			
								Net Qty = A - B		6.02	12.27
	SNC1.3									6.25	12.27
	CH21.75	586.546	585.191	584.941			1.605				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.200	1.111		2.222	3.332
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	1.200	6.665		13.329	19.994
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.105	0.583		0.639	1.222
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.100	0.555		1.111	1.666
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.579		5.031	7.610
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							8.914			
	Deduction										
	Brick work	1.00		0.785	1.31	1.31	1.355	1.83			
	soling							0.00			
	PCC	1.00		0.785	1.96	1.96	0.25	0.75			
	Murrum bedding							0.00			
	Total (B)							2.58			
								Net Qty = A - B		6.33	18.60



[Handwritten signature]

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshirawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main

Book No. :- 147

Page No. :-

Page 3 of 22

Shivaji Nagar(Near Nursing College)-CHEMBER Measurement

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	SNC1.4										
	CH31.85	586.621	585.336	585.086			1.535				
	Item No. 1 - Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.200	1.111		3.332	4.443
	Item No. 2 - Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	1.200	6.665		19.994	26.659
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.035	0.194		1.222	1.416
	Item No. 4 - Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.100	0.555		1.666	2.222
	Item No. - II Transportation of earth Transportation charges including loading &							2.485		7.610	10.095
	Item No. 30 - Refilling the excavated trenches ...										
	Total Excavation(A)=							8.525			
	Deduction										
	Brick work	1.00		0.785	1.31	1.31	1.285	1.73			
	soiling							0.00			
	PCC	1.00		0.785	1.96	1.96	0.25	0.75			
	Murrum bedding							0.00			
	Total (B)							2.48			
					Net Qty = A - B			6.04		18.60	24.64
	SNC1.5										
	CH42.85	586.846	585.476	585.226			1.620				
	Item No. 1 - Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.200	1.111		4.443	5.554
	Item No. 2 - Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	1.200	6.665		26.659	33.323
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.120	0.666		1.416	2.083
	Item No. 4 - Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.100	0.555		2.222	2.777
	Item No. - II Transportation of earth Transportation charges including loading &							2.599		10.095	12.694
	Item No. 30 - Refilling the excavated trenches ...										
	Total Excavation(A)=							8.997			



Name of work: - Development of Underground Sewerage Collection system for Zone II to III and Zone Salap Air Constructing, Erecting, Testing and Commissioning of Sewerage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commissioning of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No. 98 and CIDCO (Airport). Providing, lowering, laying, jointing and testing rising main GK pipe line from Golwadi STP to Nakshtrawadi (Kanchanwadi) STP and Ward No. 98 to STP for Aurangabad City.

Book No: 1200/10/11
Page No. 12

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Deduction										
	Brick work	1.00		0.785	1.31	1.31	1.370	1.85			
	soling							0.00			
	PCC	1.00		0.785	1.96	1.96	0.25	0.75			
	Murrum bedding							0.00			
	Total (B)							2.60			
		Net Qty = A - B							6.40	24.64	
	SNC1.6										
	CH52.20	587.106	585.746	585.496			1.610				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.200	1.111		5.554	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	1.200	6.665		33.323	
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.110	0.611		2.083	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.100	0.555		2.777	
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.586		12.694	
	Item No. 30 :- Refilling the excavated trenches -										
	Total Excavation(A)=							8.942			
	Deduction										
	Brick work	1.00		0.785	1.31	1.31	1.360	1.83			
	soling							0.00			
	PCC	1.00		0.785	1.96	1.96	0.25	0.75			
	Murrum bedding							0.00			
	Total (B)							2.59			
		Net Qty = A - B							6.36	31.04	
	SNC1.7										
	CH57.10	587.186	586.216	585.966			1.220				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628		6.665	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.920	2.889		39.988	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		3.332	



[Handwritten signature]

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport). Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

Book No. :- 149
Page No. :-

for
Page 5 of 22 Shivaji Nagar(Near Nursing College)-CHEMBER Measurement

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Item No. - 11 Transportation of earth Transportation charges						1.502		15.280	16.783	
	Item No. 30:- Refilling the excavated trenches										
	Total Excavation(A):-						3.831				
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.970	1.02			
	Jacking							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Muram bedding							0.00			
	Total (B)							1.50			
	Net Qty = A - B							2.33	37.40	39.73	
	SNCLB										
	(CR7) ad	587.236	586.486	586.236			1.000				
	Item No. 1 - Excavation for foundation/pipe trenches in earth/silt, soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628	7.293	7.921	
	Item No. 2 - Excavation for foundation/pipe trenches in earth/silt, soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.600	1.884	42.877	44.761	
	Item No. 4 - Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628	3.646	4.274	
	Item No. - 11 Transportation of earth Transportation charges							1.270	16.783	18.052	
	Item No. 30:- Refilling the excavated trenches										
	Total Excavation(A):-							3.140			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.750	0.79			
	Jacking							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Muram bedding							0.00			
	Total (B)							1.27			
	Net Qty = A - B							1.87	39.73	41.60	
	Excavation of Chamber - For 1.20 dia Chamber upto 2.0m depth										
	1.20-1.20-1.20-1.20-2.0m										
	Depth for Chamber upto 2.0m-2.0m-1.20m										
	SNCLB										
	(CR7) ad	585.636	583.961	583.711			1.925				
	Item No. 1 - Excavation for foundation/pipe trenches in earth/silt, soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.200	1.111	7.921	9.031	



Handwritten signature or initials.

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport). Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :-

Page No. 151

Page 7 of 22

Shivaji Nagar(Near Nursing College)-CHEMBER Measurement

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		GL	No IL	EX.L	L	B	D		Page	Quantity	
	SNC5										
	CH58.35	586.046	584.226	583.976			2.070				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.200	1.111	10.142	11.253	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	1.200	6.665	58.090	64.755	
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.570	3.166	8.192	11.358	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.100	0.555	5.385	5.940	
	Item No. : 11 Transportation of earth Transportation charges including loading &							3.206	24.262	27.467	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							11.497			
	Deduction										
	Brick work	1.00		0.785	1.31	1.31	1.820	2.45			
	soling							0.00			
	PCC	1.00		0.785	1.96	1.96	0.25	0.75			
	Murrum bedding							0.00			
	Total (B)							3.21			
					Net Qty = A - B			8.29	57.55	65.84	
	Excavation of Chamber - For 0.9 mt.Dia of chamber up to Depth of 1.5mt.- 0.9*0.5*0.3+0.3=2.0m										
	Bredth for Square chamber up to Depth of 2m= 2 * 2=4m										
	SNC3.1										
	CH6.25	585.760	584.210	583.960			1.800				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628	11.253	11.881	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.200	3.768	64.755	68.523	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.300	0.942	11.358	12.300	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	5.940	6.254	



Handwritten signature

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport). Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

Book No. :- 153
Page No. :-

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		6.568	6.882
	Item No. 11 Transportation of earth Transportation charges							2.067		31.560	33.627
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							5.511			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	1.505	1.59			
	soiling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murram bedding							0.00			
	Total (B)							2.07			
					Net Qty = A - B			3.44		72.64	76.09
	SN/4.2L										
	CH13.10	585.526	584.216	583.966			1.560				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628		13.137	13.765
	Item No. 2 :- Excavation for foundation/pipe trenches in hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.200	3.768		76.059	79.827
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.060	0.188		13.634	13.823
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		6.882	7.196
	Item No. 11 Transportation of earth Transportation charges							1.861		33.627	35.488
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.898			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	1.310	1.38			
	soiling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murram bedding							0.00			
	Total (B)							1.86			
					Net Qty = A - B			3.04		76.09	79.12
	SN/4.3L										
	CH17.35	585.526	584.276	584.026			1.500				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628		13.765	14.393



Handwritten signature or initials.

Shivaji Nagar(Near Nursing College)-CHEMBER Measurement

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Qty
		GL	No		L	B	D		Page	Quantity	
			IL	EX.L							
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.200	3.768		79.827	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		7.196	
	Item No. : 11 Transportation of earth Transportation charges							1.798		35.488	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.710			
	Deduction										
	Brick work	1.00									
	soling			0.785	1.160	1.160	1.250	1.32			
	PCC	1.00						0.00			
	Murrum bedding			0.785	1.560	1.560	0.250	0.48			
	Total (B)							0.00			
								1.80			
								2.91		79.12	
	SNC4.1R										
	CH7.50	586.086	584.801	584.551			1.535				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628		14.393	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.200	3.768		83.595	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.035	0.110		13.823	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		7.510	
	Item No. : 11 Transportation of earth Transportation charges							1.835		37.286	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.820			
	Deduction										
	Brick work	1.00			0.785	1.160	1.285	1.36			
	soling							0.00			
	PCC	1.00			0.785	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							0.00			
								1.83			
	SNC4.2R							2.98		82.03	
	CH17.90	586.376	585.076	584.826			1.550				



Handwritten signature

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Bancwadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Bancwadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

Book No. :- 155
Page No. :-

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 1 - Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628		15.021	15.649
	Item No. 2 - Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.200	3.768		87.363	91.131
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.050	0.157		13.932	14.089
	Item No. 4 - Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		7.824	8.138
	Item No. - 11 Transportation of earth Transportation charges							1.851		39.121	40.972
	Item No. 30 - Refilling the excavated trenches ...										
	Total Excavation(A)=							4.867			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	1.300	1.37			
	soiling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							1.85			
	Net Qty = A - B							3.02		85.02	88.04
	SNC4.3R										
	CR27.70	586.626	585.371	585.121			1.505				
	Item No. 1 - Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628		15.649	16.277
	Item No. 2 - Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.200	3.768		91.131	94.899
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.005	0.016		14.089	14.105
	Item No. 4 - Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		8.138	8.452
	Item No. - 11 Transportation of earth Transportation charges							1.803		40.972	42.775
	Item No. 30 - Refilling the excavated trenches ...										
	Total Excavation(A)=							4.726			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	1.255	1.33			
	soiling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			



[Handwritten signature]

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Total (B)						1.80				
		Net Qty = A - B					2.92		88.04		
	SNC4.4R										
	CH40.70	586.831	585.596	585.346			1.485				
	Item No. 1 :- Excavation for foundation/pipe trenches in (a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628	16.277		
	Item No. 2 :- Excavation for foundation/pipe trenches in (a) For Lift 0 to 1.5m	1			0.785	4.000	1.185	3.721	94.899		
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. (a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	8.452		
	Item No. : 11 Transportation of earth Transportation charges						1.782	42.775	44.227		
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						4.663				
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	1.235	1.30			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)						1.78				
		Net Qty = A - B					2.88		90.96		
	SNC4.5R										
	CH50.80	586.936	585.731	585.481			1.455				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc (a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628	16.905		
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m	1			0.785	4.000	1.155	3.627	98.620		
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. (a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	8.766		
	Item No. : 11 Transportation of earth Transportation charges						1.750	44.558	46.314		
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						4.569				
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	1.205	1.27			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			



[Handwritten signature]

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Murram bedding							0.00			
	Total (B)							1.81			
		Net Qty = A - B						2.93		99.53	102.46
	SNC4.7.1R										
	CH8.60	587.296	586.696	586.446			0.850				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628		18.789	19.417
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.210	3.799		109.751	113.550
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		9.708	10.022
	Item No. : 11 Transportation of earth Transportation charges							1.111		49.893	51.005
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.741			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.600	0.63			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murram bedding							0.00			
	Total (B)							1.11			
		Net Qty = A - B						3.63		102.46	106.09
	SNC4.8R										
	CH76.30	587.246	585.996	585.746			1.500				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628		19.417	20.045
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.200	3.768		113.550	117.318
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		10.022	10.336
	Item No. : 11 Transportation of earth Transportation charges							1.798		51.005	52.803
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.710			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	1.250	1.32			



[Handwritten signature]

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport). Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport); Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) SPS.

Book No. :- 159

Page No. :-

Page 15 of 22

Shivaji Nagar(Near Nursing College)-CHEMBER Measurement

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	soling						0.00				
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							1.80			
		Net Qty = A - B							2.91	106.09	109.00
	SNC4.9R										
	CH83.70	587.296	586.096	585.846			1.450				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628	20.045	20.673	
	Item No. 2 :- Excavation for foundation/pipe trenches in hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.150	3.611	117.318	120.929	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	10.336	10.650	
	Item No. : 11 Transportation of earth Transportation charges							1.745	52.803	54.548	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.553			
	Deflection										
	Brick work	1.00		0.785	1.160	1.160	1.200	1.27			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							1.75			
		Net Qty = A - B							2.81	109.00	111.81
	SNC5.3L										
	CH80.00	585.456	584.486	584.236			1.220				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628	20.673	21.301	
	Item No. 2 :- Excavation for foundation/pipe trenches in hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.200	3.768	120.929	124.697	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.080	0.251	14.105	14.356	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	10.650	10.964	
	Item No. : 11 Transportation of earth Transportation charges							1.502	54.548	56.050	
	Item No. 30 :- Refilling the excavated trenches ...										



Handwritten signature or initials.

Development of Underground Sewerage Collection system for Zone I to VI and Zone Sahasr Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erecting, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :- 167
Page No. :-

Shivaji Nagar(Near Nursing College)-CHEMBER Measurement

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Up to Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Total Excavation(A)=						4.961				
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.970	1.02			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murram bedding							0.00			
	Total (B)							1.50			
		Net Qty = A - B						3.46			
	SNC5.2L								111.81	115.27	
	CH5.25	585.526	584.486	584.236			1.290				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628	21.301	21.929	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.990	3.109	124.697	127.806	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	10.964	11.278	
	Item No. : 11 Transportation of earth Transportation charges							1.576	56.050	57.626	
	Item No. 30 :- Refilling the excavated trenches --										
	Total Excavation(A)=							4.051			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	1.040	1.10			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murram bedding							0.00			
	Total (B)							1.58			
		Net Qty = A - B						2.47		115.27	117.74
	SNC5.1L										
	CH15.25	585.806	584.476	584.226			1.580				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628	21.929	22.557	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.200	3.768	127.806	131.574	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.080	0.251	14.356	14.607	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	11.278	11.592	



[Handwritten signature]

Name of work:- Development of Underground Sewerage collection system for Zone I to VI and Zone Seven A/B. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Bancwadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Bancwadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

Book No. 161
Page No. :-

Page 17 of 22

Shivaji Nagar(Near Nursing College)-CHMBER Measurement

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Item No. : 11 Transportation of earth Transportation charges						1.882		57.626	59.509	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						4.961				
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	1.330	1.40			
	soiling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							1.88			
		Net Qty = A - B						3.08		117.74	120.82
	SNCS.1R										
	CH7.75	586.366	585.171	584.921			1.445				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628	22.557	23.185	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.145	3.595	131.574	135.169	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	11.592	11.906	
	Item No. : 11 Transportation of earth Transportation							1.740	59.509	61.248	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.537			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	1.195	1.26			
	soiling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							1.74			
		Net Qty = A - B						2.80		120.82	123.62
	SNCS.2R										
	CH17.45	586.636	585.386	585.136			1.500				
	Item No. 1 :- Excavation for foundation/pipe trenches in										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628	23.185	23.813	
	Item No. 2 :- Excavation for foundation/pipe trenches in										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.200	3.768	135.169	138.937	
	Item No. 4 :- Excavation for foundation/pipe trenches in										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	11.906	12.220	



Handwritten signature or initials.

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :-

164

Page No. :-

Page 20 of 22

Shivaji Nagar(Near Nursing College)-CHEMBER Measurement

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.100	3.454		150.178	15
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		13.162	1
	Item No. : 11 Transportation of earth Transportation charges							1.692		68.525	7
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.396			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	1.150	1.21			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							1.69			
	Net Qty = A - B							2.70		135.43	1
	SNC5.7R										
	CH61.40	587.596	586.386	586.136			1.460				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628		26.325	2
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.160	3.642		153.632	15
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		13.476	1
	Item No. : 11 Transportation of earth Transportation charges							1.756		70.217	7
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.584			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	1.210	1.28			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							1.76			
	Net Qty = A - B							2.83		138.14	1
	SNC5.8R										
	CH67.20	587.771	586.561	586.311			1.460				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628		26.953	2



Handwritten signature or initials.